

Storm Data and Unusual Weather Phenomena - January 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
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IOWA, Northeast

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

01/05/14 17:40 CST	0	Extreme Cold/Wind Chill
01/07/14 00:30 CST	0	

Wind chills of 35 below or colder occurred across northeast Iowa from the evening of January 5th into the late evening of the 6th or early morning of the 7th. The coldest wind chills of 40 to 55 below occurred on the morning of the 6th. These dangerous wind chills occurred behind a strong cold front that moved across the region on January 4th and 5th which dropped the air temperatures well below zero with strong northwest winds. The lowest recorded wind chill was 54 below from a mesonet reporting station in Monona (Clayton County). Almost all the schools across northeast Iowa closed January 6th and most were closed again on the 7th or delayed the start of classes.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z018) FLOYD, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

01/26/14 14:35 CST	0	Blizzard
01/26/14 23:15 CST	0	

Northeast Iowa was hit by a blizzard during the afternoon of January 26th. Sustained winds of 25 to 40 mph with gusts around 60 mph produced widespread whiteout conditions where the visibility was reduced to a quarter mile or less. The winds also caused severe drifting to occur, with drifts 8 to 10 feet high, making many roads impassable. Some roads remained closed into the 27th when a three mile long backup of vehicles occurred on U.S. Highway 63 in Chickasaw County. The Floyd Fire Department (Floyd County) provided shelter at its station for more than 35 stranded travelers. In both Floyd and Winneshiek Counties, over 20 vehicles became stuck in the snow. The stage was set for the blizzard to occur when a system passed across the region during the evening of the 25th and early morning of 26th and produced 2 to 3 inches of light fluffy snow. This snow then was used by the winds, along with additional falling light snow, to create the blizzard conditions behind a strong area of low pressure that moved across central Minnesota and northern Wisconsin. The highest measured wind gust was 62 mph from the automated weather observing equipment at the Charles City (Floyd County) airport.

(IA-Z008) MITCHELL, (IA-Z009) HOWARD, (IA-Z010) WINNESHIEK, (IA-Z011) ALLAMAKEE, (IA-Z019) CHICKASAW, (IA-Z029) FAYETTE, (IA-Z030) CLAYTON

01/27/14 03:30 CST	0	Extreme Cold/Wind Chill
01/28/14 08:15 CST	0	

Wind chills of 35 to 45 below were common across northeast Iowa on the mornings of January 27th and 28th. These dangerous wind chills occurred behind a strong cold front that moved across the region on January 26th. As temperatures fell behind the front, strong northwest winds starting pushing the wind chills to 35 below or colder during the early morning of the 27th. Most locations then had wind chills of 35 below or colder into the morning of the 28th, which was when warmer air started to spread back across the area. The lowest recorded wind chill was 44 below from mesonet reporting stations in Monona (Clayton County) and West Union (Fayette County). All the schools across northeast Iowa were closed January 27th. A majority of the schools were closed again on the 28th or delayed the start of classes.

MINNESOTA, Southeast

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

01/05/14 17:14 CST	0	Extreme Cold/Wind Chill
01/07/14 02:30 CST	0	

Wind chills of 35 below or colder occurred across southeast Minnesota from the evening of January 5th into the late evening of the 6th or early morning of the 7th. The coldest wind chills of 40 to 55 below occurred on the morning of the 6th. These dangerous wind chills occurred behind a strong cold front that moved across the region on January 4th and 5th which dropped the air temperatures well below zero with strong northwest winds. The lowest recorded wind chill was 55 below from a mesonet reporting station near Dexter (Mower County). The Governor of Minnesota order all schools across the state to be closed on January 6th. All the schools across southeast Minnesota were once again closed on the 7th.

(MN-Z079) WABASHA, (MN-Z088) WINONA, (MN-Z096) HOUSTON

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	01/26/14 09:58 CST		0	Winter Storm
	01/26/14 20:00 CST		0	

(MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z094) MOWER, (MN-Z095) FILLMORE

01/26/14 13:25 CST	0	Blizzard
01/26/14 20:54 CST	0	

Southeast Minnesota was hit by a blizzard during the afternoon of January 26th. Sustained winds of 25 to 40 mph with gusts approaching 60 mph produced widespread whiteout conditions where the visibility was reduced to a quarter mile or less. The winds also caused severe drifting to occur making many roads impassable and several vehicles were trapped in the snow. The stage was set for the blizzard to occur when a system passed across the region during the evening of the 25th and early morning of 26th and produced 2 to 3 inches of light fluffy snow. This snow then was used by the winds, along with additional falling light snow, to create the blizzard conditions behind a strong area of low pressure that moved across central Minnesota and northern Wisconsin. The highest measured wind gust was 58 mph from the automated weather observing equipment at the Rochester (Olmsted County) airport.

(MN-Z079) WABASHA, (MN-Z086) DODGE, (MN-Z087) OLMSTED, (MN-Z088) WINONA, (MN-Z094) MOWER, (MN-Z095) FILLMORE, (MN-Z096) HOUSTON

01/27/14 01:00 CST	0	Extreme Cold/Wind Chill
01/28/14 09:00 CST	0	

Wind chills of 35 to 45 below were common across southeast Minnesota on the mornings of January 27th and 28th. These dangerous wind chills occurred behind a strong cold front that moved across the region on January 26th. As temperatures fell behind the front, strong northwest winds starting pushing the wind chills to 35 below or colder during the early morning of the 27th. Most locations then had wind chills of 35 below or colder into the morning of the 28th, which was when warmer air started to spread back across the area. The lowest recorded wind chill was 46 below from a mesonet reporting station near Dexter (Mower County). All the schools across southeast Minnesota were closed January 27th. A majority of the schools were closed again on the 28th or delayed the start of classes.

WISCONSIN, Southwest

(WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON

01/01/14 00:00 CST	0	Drought
01/31/14 23:59 CST	0	

No changes occurred during January, 2014 to the severe drought across western Wisconsin. Because the ground was frozen, no moisture was able to work into the soil from the 15 to 20 inches of snow that fell. As a result, the severe drought continued across the northern portions of Buffalo and Trempealeau Counties into the northwest corner of Jackson County.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT

01/05/14 21:15 CST	0	Extreme Cold/Wind Chill
01/07/14 10:15 CST	0	

Wind chills of 35 below or colder occurred across western Wisconsin from the evening of January 5th into the late evening of the 6th or early morning of the 7th. The coldest wind chills of 40 to 55 below occurred on the morning of the 6th. These dangerous wind chills occurred behind a strong cold front that moved across the region on January 4th and 5th which dropped the air temperatures well below zero with strong northwest winds. The lowest recorded wind chill was 53 below from a mesonet reporting station in Friendship (Adams County). Almost all the schools across western Wisconsin closed January 6th and most of the schools were closed again on the 7th or delayed the start of classes.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS

01/14/14 01:30 CST	0	Heavy Snow
01/14/14 23:00 CST	0	

A winter storm dropped out of central Canada and moved across the Upper Midwest and Great Lakes Region on January 14th. One person was injured in one of several crashes on Interstate 94 near Osseo (Trempealeau County). These crashes involved about 20 semis and shut down the westbound lanes of the interstate for several hours. The storm system covered the region with a fresh blanket of snow with many locations receiving between 6 and 9 inches. The highest reported total was 9.2 inches in Friendship (Adams County).

(WI-Z054) CRAWFORD

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	01/26/14 14:35 CST		0	Winter Storm
	01/26/14 21:10 CST		0	

(WI-Z061) GRANT

01/26/14 16:00 CST	0	Blizzard
01/26/14 22:35 CST	0	

Southwest Wisconsin was hit by a blizzard during the afternoon and evening of January 26th. Sustained winds of 25 to 40 mph with gusts to 45 mph produced widespread whiteout conditions where the visibility was reduced to a quarter mile or less. The winds also caused severe drifting to occur making many roads impassable. During the blizzard, snow plows were pulled off the roads in Grant County. The stage was set for the blizzard to occur when a system passed across the region during the evening of the 25th and early morning of 26th and produced 2 to 3 inches of light fluffy snow. This snow then was used by the winds, along with additional falling light snow, to create the blizzard conditions behind a strong area of low pressure that moved across central Minnesota and northern Wisconsin. The highest measured wind gust was 45 mph from the automated weather observing equipment at the Boscobel (Grant County) airport.

(WI-Z017) TAYLOR, (WI-Z029) CLARK, (WI-Z032) BUFFALO, (WI-Z033) TREMPLEAU, (WI-Z034) JACKSON, (WI-Z041) LA CROSSE, (WI-Z042) MONROE, (WI-Z043) JUNEAU, (WI-Z044) ADAMS, (WI-Z053) VERNON, (WI-Z054) CRAWFORD, (WI-Z055) RICHLAND, (WI-Z061) GRANT

01/27/14 04:30 CST	0	Extreme Cold/Wind Chill
01/28/14 09:45 CST	0	

Wind chills of 35 to 45 below were common across western Wisconsin on the mornings of January 27th and 28th. These dangerous wind chills occurred behind a strong cold front that moved across the region on January 26th. As temperatures fell behind the front, strong northwest winds starting pushing the wind chills to 35 below or colder during the early morning of the 27th. Most locations then had wind chills of 35 below or colder into the morning of the 28th, which was when warmer air started to spread back across the area. The lowest recorded wind chill was 46 below from the automated weather observing equipment at the Black River Falls airport (Jackson County). All the schools across western Wisconsin were closed on both January 27th and 28th.